

<instr1_2.wpd>
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The NET (Oracle) Input Format - Instructions for Entering and Organizing Your Data in the Format Records

The NET Input Format is divided into four different emission data source types that will represent all of the emission inventory data submitted by a state/local agency. The **SOURCE TYPES** are: **POINT, AREA & NONROAD MOBILE, ON-ROAD MOBILE, and BIOGENIC.**

Each source type will be submitted in a separate file. The format of the four source types are shown in the EXCEL files:

| | |
|--------------|------------------------------------|
| NETPOINT.XLW | SOURCE TYPE: POINT |
| NETAREA.XLW | SOURCE TYPE: AREA & NONROAD MOBILE |
| NETMOBIL.XLW | SOURCE TYPE: ON-ROAD MOBILE |
| NETBIOGN.XLW | SOURCE TYPE: BIOGENIC |

(These files are also available to you in Microsoft Access from the EPA Website www.epa.gov/ttn/chief/ei .)

The NET Input Format files should be transferred to the EPA as fixed width text (.txt) files with no delimiters.

The format files contain data definitions and user notes on each data element. The user notes may refer you to APPENDIX A, see <APPA1_2.WPD>. APPENDIX A contains standard conventions and additional information that will help you to correctly express the values of certain fields. Appendix A also refers to the tables of valid values for coded fields. The code tables are available as Microsoft Excel workbook and Access database. See <CODES1_2.xlw> and <CODES1_2.mdb> .

Terms and Definitions Used in the Net Input Format

BEGINNING POSITION: The first character of the field.

ENDING POSITION: The last character of the field.

MANDATORY/NECESSARY: Indicates that the field is a Mandatory data element or that it is Necessary to complete a dataset for use in air quality modeling.

DATA ELEMENT: The name of the field.

DATA TYPE: The type of data in a given field (i.e., Character, Number, Decimal, or Date).

LENGTH: The maximum number of characters a field can hold. (Some field lengths will be larger than the data values you report. Left-justify your data.)

DATA DEFINITIONS: A Description of the expected data for the field.

USER CONVENTION NOTES: Information on where to find valid code values, and how to specifically implement and express the values of certain fields.

Entering Data Values Into the NET Input Format

Character fields may contain any value.

Number fields must contain only Numeric values. Data elements defined with Data Type NUMBER must be expressed as whole numbers.

Decimal fields may contain whole number or decimal point. Any data elements whose value may be expressed with decimal are indicated as Data Type DECIMAL.

Date fields must contain numbers in the format YYYYMMDD.

If for any data field, there is no data value intended, that field must be left blank (filled with spaces).

DELIMITERS: No delimiters will be used. All text files submitted must be fixed format (i.e., fields determined by their beginning and ending position as assigned in NETPOINT.XLW, NETAREA.XLW, NETMOBIL.XLW, NETBIOGN.XLW.)

KEY FIELDS: The Key Data Fields are indicated by **bold italics** in all format descriptions.

As the POINT, AREA/ NONROAD MOBILE, ON-ROAD MOBILE, and BIOGENIC source files are received for processing by the EPA, they will be sorted to group and relate records based on the key data fields provided. It is very important that you supply and implement the required key data fields correctly so that EPA can successfully process your data for loading into the NET database.

How To Organize Data in the NET Input Format

SOURCE TYPE / FILES are: POINT, AREA & NONROAD MOBILE, ON-ROAD MOBILE, and BIOGENIC.

RECORD TYPE: There are eight possible record types: TRANSACTION, SITE, EMISSION_UNIT, EMISSION_RELEASE_POINT, EMISSION_PROCESS, CONTROL_EQUIPMENT, ACTIVITY and EMISSION.

They are used and organized in each SOURCE TYPE / FILE as follows:

| <u>SOURCE TYPE / FILE</u> | <u>RECORD TYPE(S)</u> | <u>RECORD TYPE CODE</u> |
|----------------------------|------------------------|-------------------------|
| POINT | Transmittal | TR |
| | Site | SI |
| | Emission_Unit | EU |
| | Emission_Release_Point | ER |
| | Emission_Process | EP |
| | Control_Equipment | CE |
| | Activity | AC |
| | Emission | EM |
| AREA AND NONROAD MOBILE | Transmittal | TR |
| | Emission_Process | EP |
| | Control_Equipment | CE |
| | Activity | AC |
| | Emission | EM |
| ON-ROAD MOBILE | Transmittal | TR |
| | Activity | AC |
| | Emission | EM |
| BIOGENIC | Transmittal | TR |
| | Emission | EM |

You must include a Transmittal record(s) (TR) with each source file (e.g., point, area & nonroad, onroad mobile or biogenic file) you are submitting. The information in the Transmittal record is used to describe the entire source file and its origin. Submit one TR record per unique county. This will help distinguish and track Local (county) agency submittals separately from the State agency submittals.

All record types indicated above for a given SOURCE TYPE must be submitted in the file. You cannot submit a file with some of the record types missing unless advised to do so by EPA. As an example, for ON-ROAD MOBILE, you cannot submit Transmittal and Emission records without submitting an Activity record. You may be asked by EPA to submit a specific record type or specific records, but this will only be to correct errors that were in your original submission, and you will be given an exact list of what to send.